

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
28 September 2000 (28.09.2000)

PCT

(10) International Publication Number
WO 00/56891 A3(51) International Patent Classification⁷: C12N 15/12,
C07K 14/47, C12N 5/10, C12P 21/00, C07K 16/18, A61K
38/17, C12Q 1/68

(21) International Application Number: PCT/US00/07817

(22) International Filing Date: 22 March 2000 (22.03.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/125,537 22 March 1999 (22.03.1999) US
60/139,565 16 June 1999 (16.06.1999) US(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier applications:US 60/125,537 (CIP)
Filed on 22 March 1999 (22.03.1999)
US 60/139,565 (CIP)
Filed on 16 June 1999 (16.06.1999)(71) Applicant (for all designated States except US): INCYTE
PHARMACEUTICALS, INC. [US/US]; 3160 Porter
Drive, Palo Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): YUE, Henry
[US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US).
LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA
95054 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick
Court, San Jose, CA 95118 (US). HILLMAN, Jennifer,
L. [US/US]; 230 Monroe Drive, #12, Mountain View, CA
94040 (US). REDDY, Roopa [IN/US]; 1233 W. McKinley
Drive, Sunnyvale, CA 94086 (US). BANDMAN, Olga[US/US]; 366 Anna Avenue, Mountain View, CA 94043
(US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago
Road, San Leandro, CA 94577 (US). LU, Dyung, Aina,
M. [US/US]; 55 Park Belmont Place, San Jose, CA 95136
(US). AZIMZAI, Yalda [US/US]; 2045 Rock Springs
Drive, Hayward, CA 94545 (US). YANG, Junming
[CN/US]; 7125 Bark Lane, San Jose, CA 95129 (US).(74) Agents: HAMLET-COX, Diana et al.; Incyte Pharma-
ceuticals, Inc., 3160 Porter Drive, Palo Alto, CA 94304
(US).(81) Designated States (national): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE,
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, ZA, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent
(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent
(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

(88) Date of publication of the international search report:
5 April 2001For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: HUMAN TRANSMEMBRANE PROTEINS

(57) Abstract: The invention provides human transmembrane proteins (HTMP) and polynucleotides which identify and encode HTMP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of HTMP.

WO 00/56891 A3

